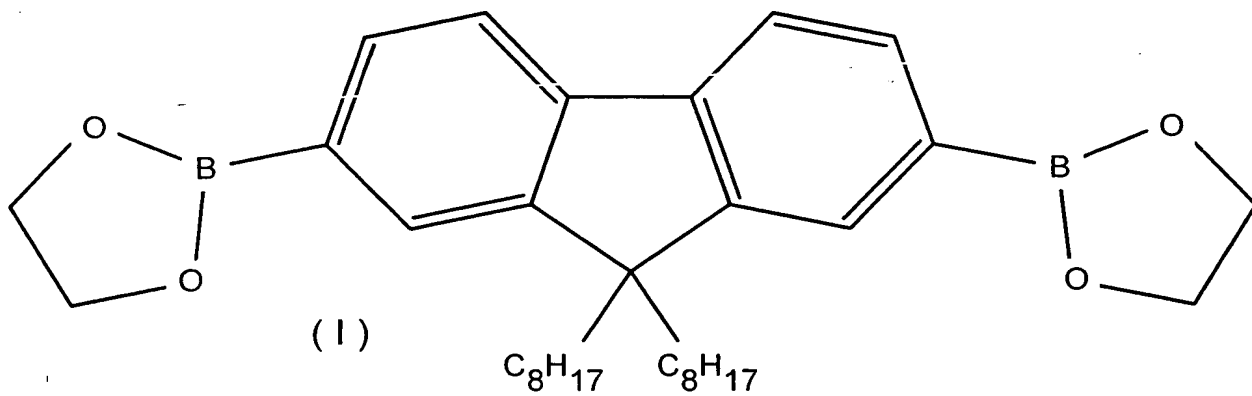
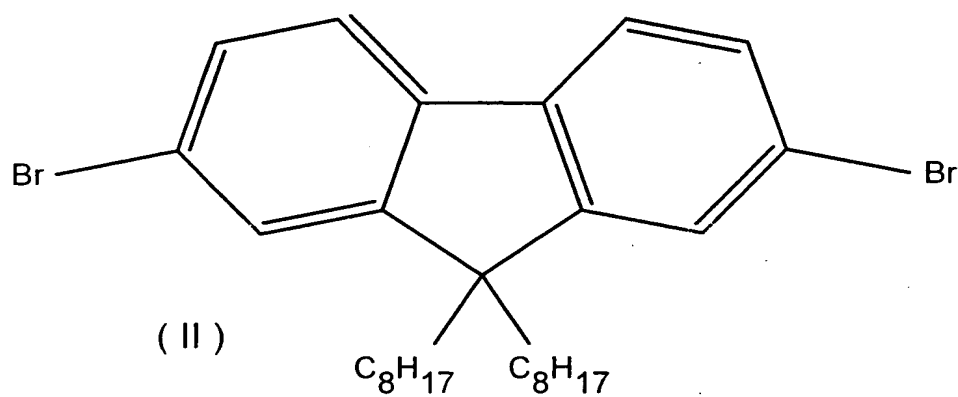


1 / 3

FIG. 1

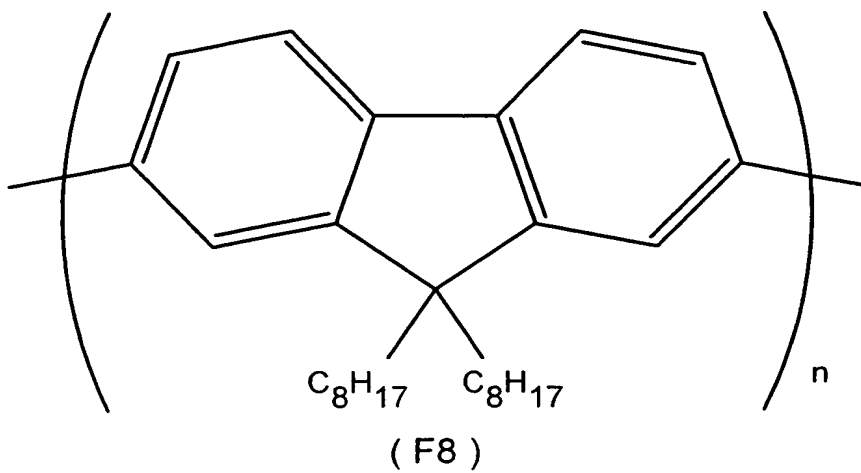


+



$R_4NOH(aq)$
 $Pd(PPh_3)_4$

TOLUENE
REFLUX



1

| |
|---|
| 6 |
| 5 |
| 4 |
| 3 |
| 2 |

FIG. 2

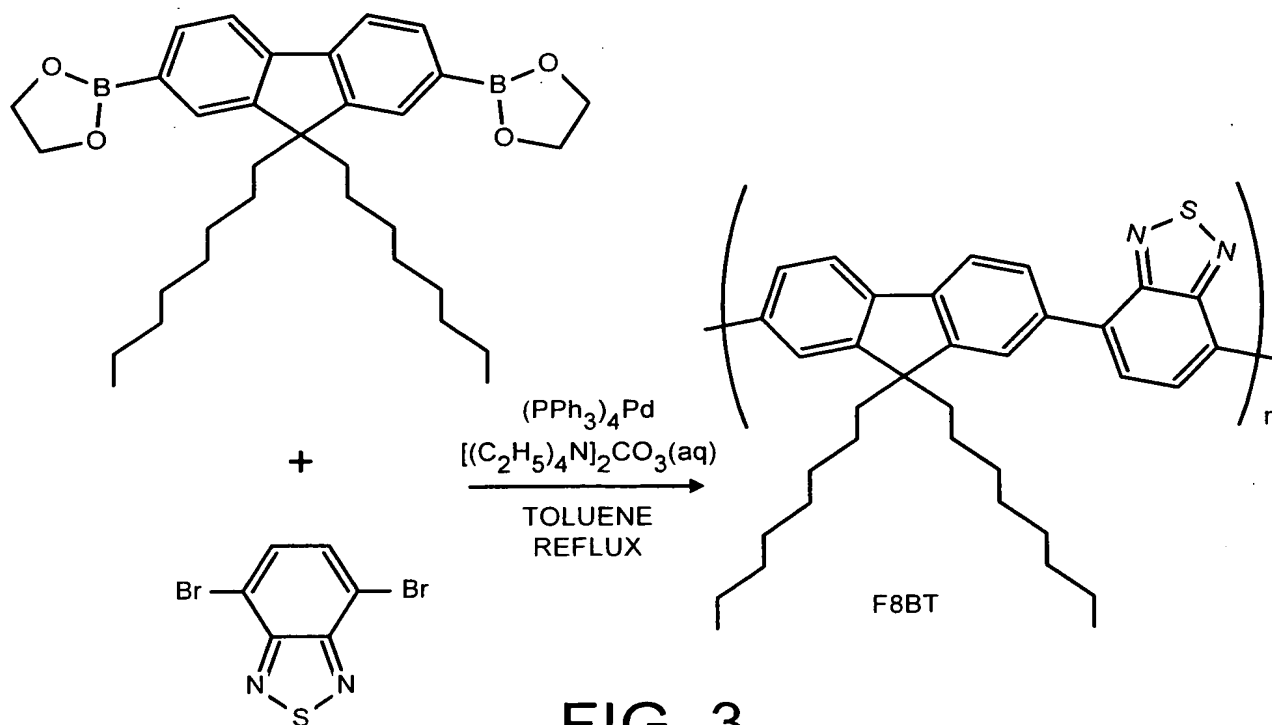


FIG. 3

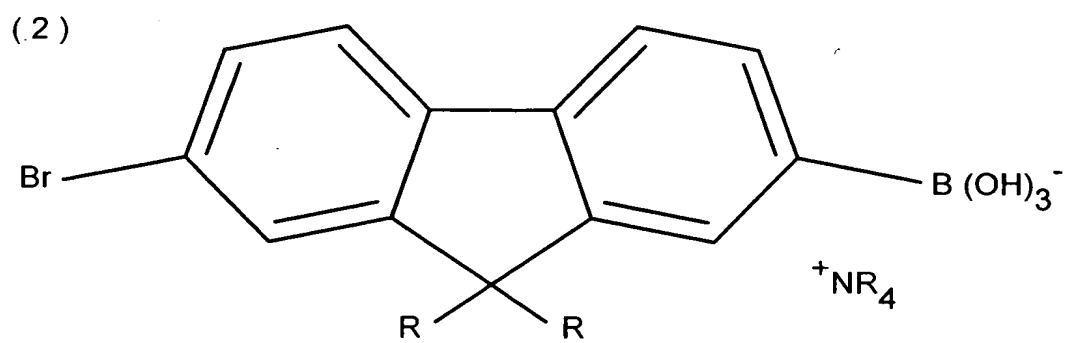
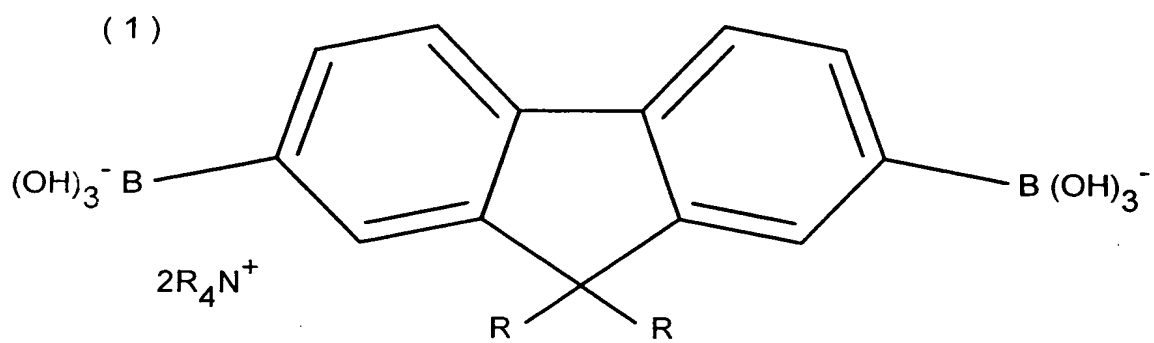
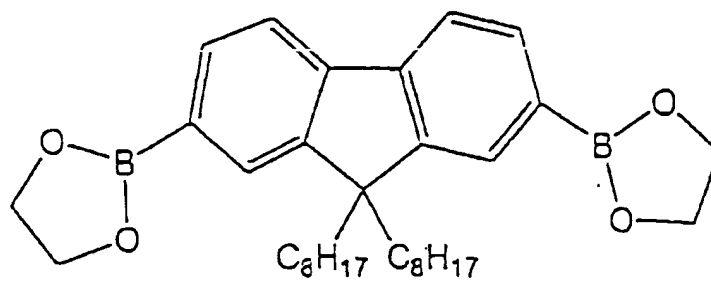
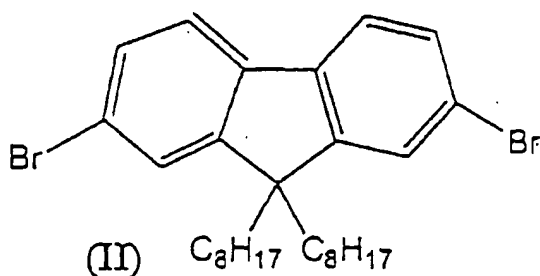


FIG. 4

FIGURE 1

(I)

+

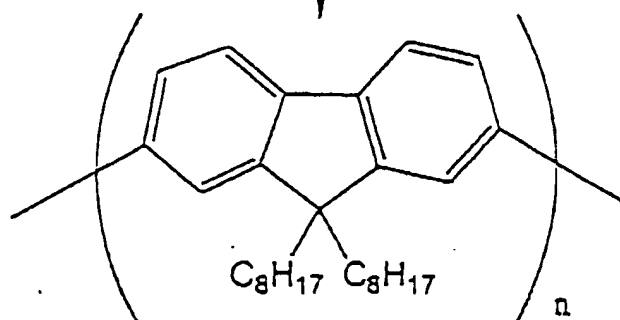


(II)

 $R_4NOH_{(aq)}$ $Pd(PPh_3)_4$

Toluene

Reflux



(F8)

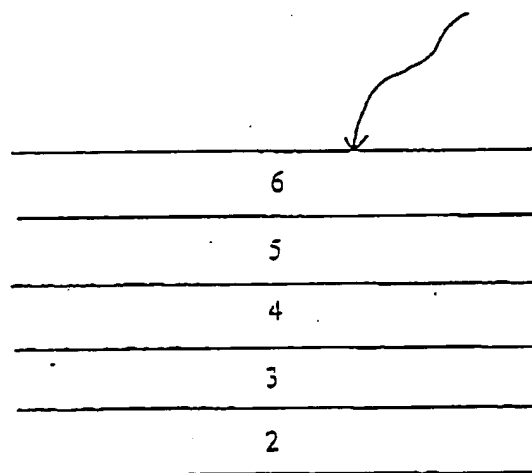


FIGURE 2

FIGURE 3

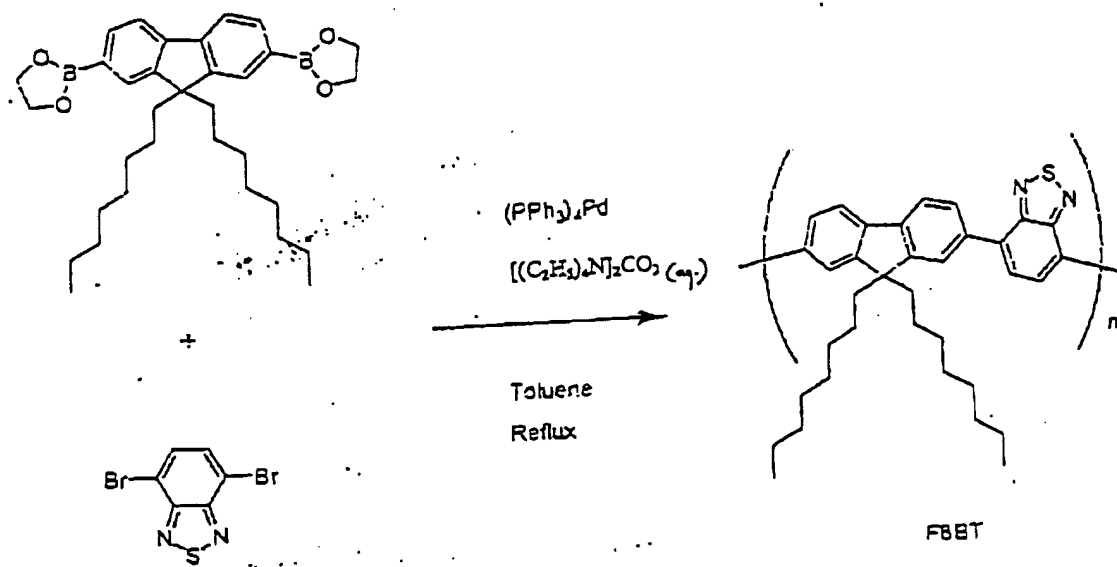


FIGURE 4

